

Abstract

In a vehicle power transmission device equipped with an automatic clutch, the gear-change for shifting up is effected suppressing a sudden increase in the engine rotational speed 5 that results when the automatic clutch is disconnected, preventing deterioration in the drive feeling caused by the change of gear such as a shock due to the change of gear. At the time of changing the gear for shifting up, an engine controller (11) executes a pre-reduction control for 10 decreasing the output of the engine 1 for a predetermined period of time prior to disconnecting the clutch (3). Since the engine output has been decreased, the rotational speed of the engine (1) does not suddenly rise despite the vehicle traveling load is removed as a result of disconnecting the 15 clutch 3. A target value for decreasing the engine output is suitably set depending upon the vehicle operating conditions, and a sudden increase in the rotational speed is prevented in all gears while relaxing the shock of gear-change caused by a sharp change in the acceleration.